

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn – Currently Amended) A pharmaceutical composition in the form of a tablet, said tablet being prepared from a composition for transdermal delivery comprising a mixture of ibuprofen, clarified sesame oil, and isopropyl myristate wherein the solubility of ibuprofen is increased,

wherein the pharmaceutical composition comprises:

at least one skin permeation enhancer comprising clarified sesame oil and isopropyl myristate in an amount from about 1% to about 5% by weight based on the total weight of the composition; and

at least one effervescent agent in an amount from about 30% to about 70% by weight based on the total weight of the composition;

at least one active ingredient or pharmaceutically acceptable salt thereof[[,]] comprising ibuprofen in an amount from about 1% by weight to about 10% by weight based on the total weight of the composition; and

at least one acid agent present in an amount from about 20% to about 40% by weight based on the total weight of the composition; and

wherein the composition is for transdermal delivery of the active ingredient.

2.-17. (Cancelled)

18. (Currently Amended) A method of treating and/or alleviating at least one of pain, aches, and inflammation comprising,

dissolving in a bath a pharmaceutical composition for transdermal delivery in the form of a tablet, said tablet being prepared from a composition comprising a mixture of ibuprofen, clarified sesame oil, and isopropyl myristate wherein the solubility of ibuprofen is increased,

wherein the pharmaceutical composition comprises:

~~comprising:~~

at least one skin permeation enhancer comprising clarified sesame oil and isopropyl myristate in an amount from about 1% to about 5% by weight based on the total weight of the composition;

at least one effervescent agent in an amount from about 30% to about 70% by weight based on the total weight of the composition; and

at least one active ingredient or pharmaceutically acceptable salt thereof comprising ibuprofen in an amount from about 1% by weight to about 10% by weight based on the total weight of the composition; and

at least one acid agent present in an amount from about 20% to about 40% by weight based on the total weight of the composition; and

immersing a body part of a human being to be treated in the bath containing the dissolved pharmaceutical composition.

19. (Cancelled)

20. (Withdrawn – Currently Amended) The method of claim 18, ~~wherein the composition for transdermal delivery comprises:~~

~~the at least one skin permeation enhancer in an amount from about 1% to about 5% by weight based on the total weight of the composition;~~

~~the at least one active ingredient present in an amount from about 1% by weight to about 10% by weight based on the total weight of the composition;~~

~~the at least one effervescent agent present in an amount from about 30% to about 70% by weight based on the total weight of the composition; and~~

~~at least one acid agent in an amount from about 20% to about 40% by weight based on the total weight of the composition; and~~

~~wherein~~

~~the skin permeation enhancer further comprises isopropyl-myristate, cetyl palmitate, borage, evening primrose oil, spirulina oil, sunflower oil, safflower oil, flaxseed oil, walnut oil, canola oil, soybean oil, or mixtures thereof;~~

the effervescent agent comprises sodium bicarbonate, potassium bicarbonate, lithium bicarbonate, magnesium bicarbonate, calcium bicarbonate, ammonium bicarbonate, or mixtures thereof;

the acid agent comprises citric acid, succinic acid, fumaric acid, adipic acid, malic acid, or mixtures thereof; and

the active ingredient further comprises aspirin, sodium salicylate, choline magnesium trisalicylate, salsalate, diflunisal, ~~salicylic acid~~, sulfasalazine, olsalazine, acetaminophen, indomethacin, sulindac, etodolac, tolmetin, diclofenac, ketorolac, naproxen, flurbiprofen, ketoprofen, fenoprofen, indoprofen, oxaprozin, mefenamic acid, meclofenamic acid, piroxicam, tenoxicam, meloxicam, lornoxicam, phenylbutazone, oxyphenbutazone, nabumetone, diphenhydramine hydrochloride, clemastine fumarate, brompheniramine maleate, chlorpheniramine maleate, dexchlorpheniramine maleate, triprolidine hydrochloride, promethazine, hydroxyzine hydrochloride, terfenadine, astemizole, azatadine maleate, cyproheptadine hydrochloride, loratadine, carbinoxamine maleate, diphenylpyraline hydrochloride, phenindamine tartrate, tripeleminamine hydrochloride, methdilazine hydrochloride, trimiprazine tartrate, beclomethasone, dipropionate, triamcinolone acetonide, prednisone, Sumatriptan/Imitrex, Imigran, dihydroergotamine, ergotamine tartrate, dolasetron mesilate, dotarizine, flupirtine, tenosol, tolfenamic acid, arotinolol, dihydroergocryptine, cyclosporin, azathioprine, methotrexate, glucocorticoids, penicillamine, hydroxychloroquine, colchicine, allopurinol, probenecid, sulfapyrazole, ginseng, bilberry, black cohosh, cat's claw, cayenne, chamomile, chaste tree, cranberry, echinacea, eleuthero, ephedra, evening primrose oil, feverfew, flax, garlic, ginger, ginkgo, golden seal, green tea, hawthorn, kava kava, licorice, milk thistle, peppermint, saw palmetto, St. John's wort, methylsulfonyl methane, DMSO, or combinations thereof; and

~~wherein the composition for transdermal delivery is administered to a human being at least twice during a 24 hour period.~~

21. (Previously Presented) The method according to claim 18, wherein the immersing a body part comprises soaking the body part for at least 5 minutes.

22. (Currently Amended) The method of claim 18, ~~wherein the composition comprises:~~

~~the at least one skin permeation enhancer in an amount from about 1% to about 5% by weight based on the total weight of the composition;~~

~~the at least one active ingredient present in an amount from about 1% by weight to about 10% by weight based on the total weight of the composition;~~

~~the at least one effervescent agent present in an amount from about 30% to about 70% by weight based on the total weight of the composition; and~~

~~at least one acid agent present in an amount from about 20% to about 40% by weight based on the total weight of the composition;~~

wherein the at least one skin permeation enhancer and the at least one active ingredient are present in a weight ratio from about 3.0:0.5 to about 0.5:3.0.

23. (Previously Presented) The method of claim 18, wherein the composition is a tablet ranging in size from 10 grams to 400 grams.

24. (Previously Presented) The method of claim 18, wherein the bath comprises a bathtub.

25. (Currently Amended) A method of delivering ibuprofen across the skin comprising:
dissolving in a bath a composition in the form of a tablet, said tablet being prepared from a mixture comprising ibuprofen with increased solubility, said tablet ~~in a bath, the composition comprising:~~

at least one skin permeation enhancer comprising clarified sesame oil and isopropyl myristate in an amount from about 1% to about 5% by weight based on the total weight of the composition; ~~and~~

at least one active ingredient comprising ibuprofen present in an amount from about 1% by weight to about 10% by weight based on the total weight of the composition;

at least one effervescent agent present in an amount from about 30% to about 70% by weight based on the total weight of the composition; and

at least one acid agent present in an amount from about 20% to about 40% by weight based on the total weight of the composition; and

immersing a body or part of a body in the bath ~~for at least five minutes.~~

26. (Cancelled)

27. (Currently Amended) The method of claim ~~[[19]]~~ 18, wherein the effervescent agent is sodium bicarbonate; and the acid agent is citric acid; ~~and wherein the method is performed at least twice during a 24 hour period.~~

28. (Cancelled)

29. (New) The method according to claim 18, wherein the at least one skin permeation enhancer and the at least one active ingredient are present in a weight ratio from about 2.0:1.0 to about 1.0:2.0.

30. (New) The method according to claim 18, wherein the at least one skin permeation enhancer and the at least one active ingredient are present in a weight ratio from about 1.0:2.0 to about 0.5:3.0.